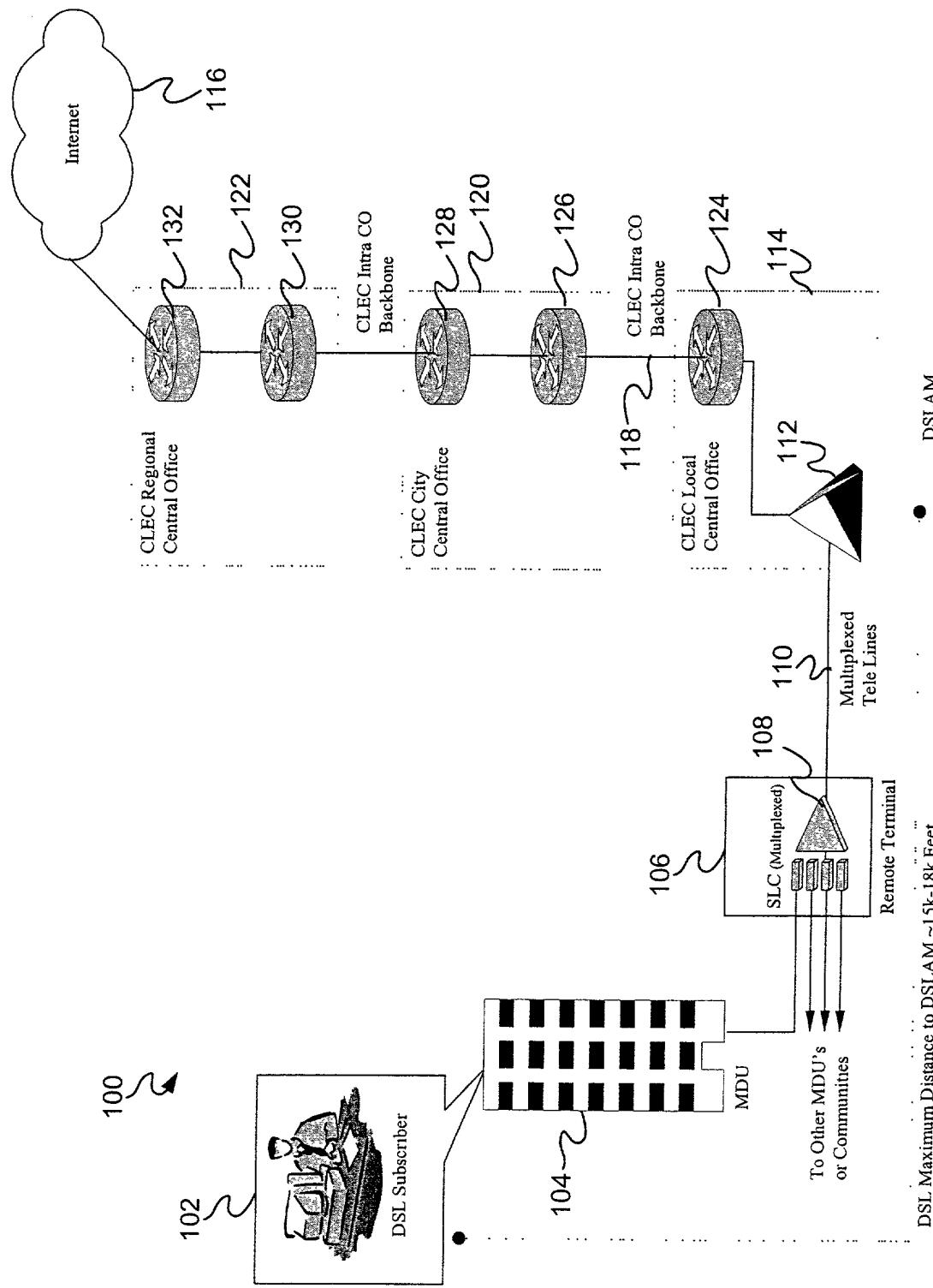


FIG. 1

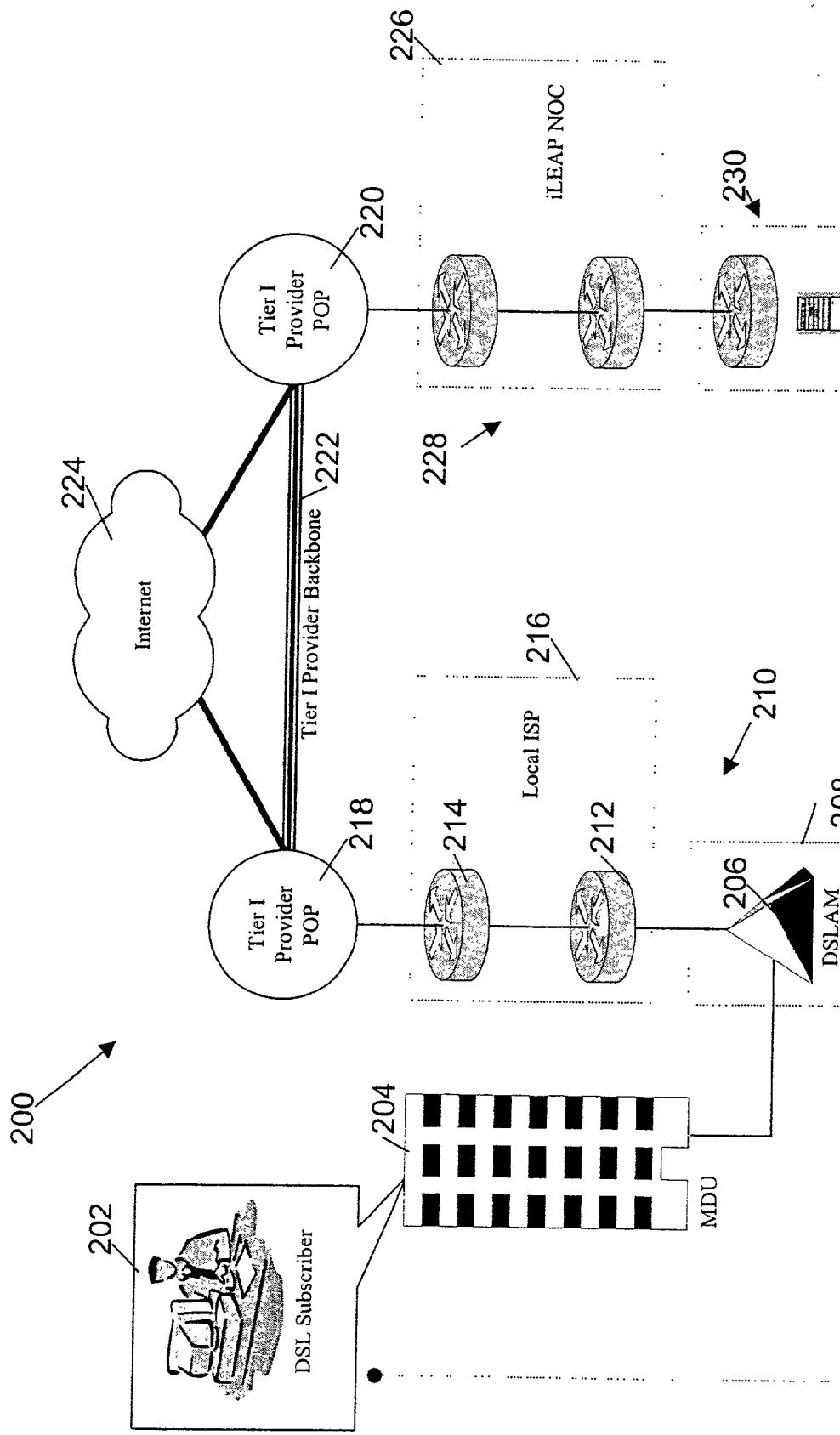
DSL Maximum Distance to DSLAM ~15k-18k Feet



Application, Content,
Or Service Provider

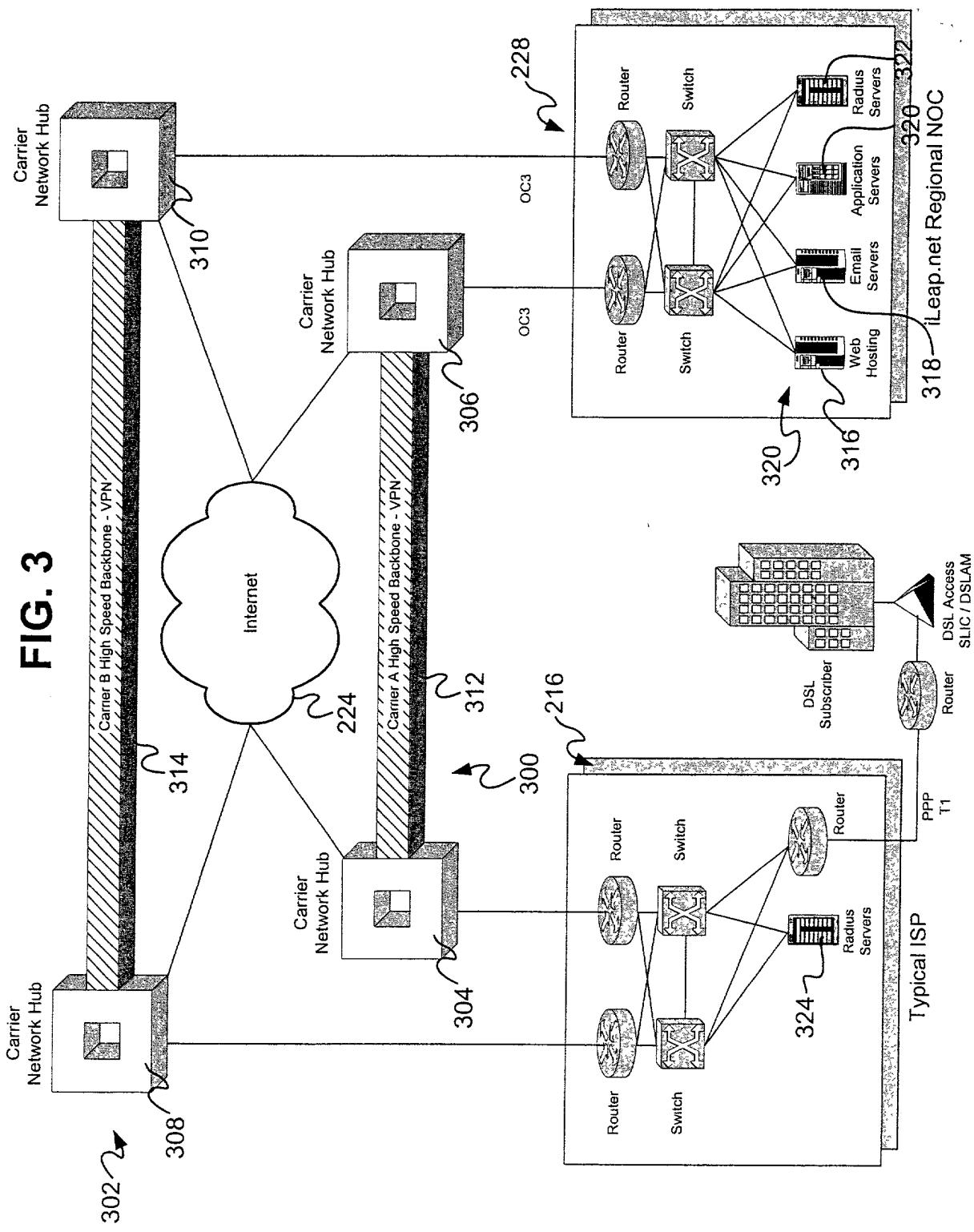
FIG. 2

TELECOMUNICATIONS SYSTEM



DSL Typical Distance to DSLAM <1k Feet

FIG. 3



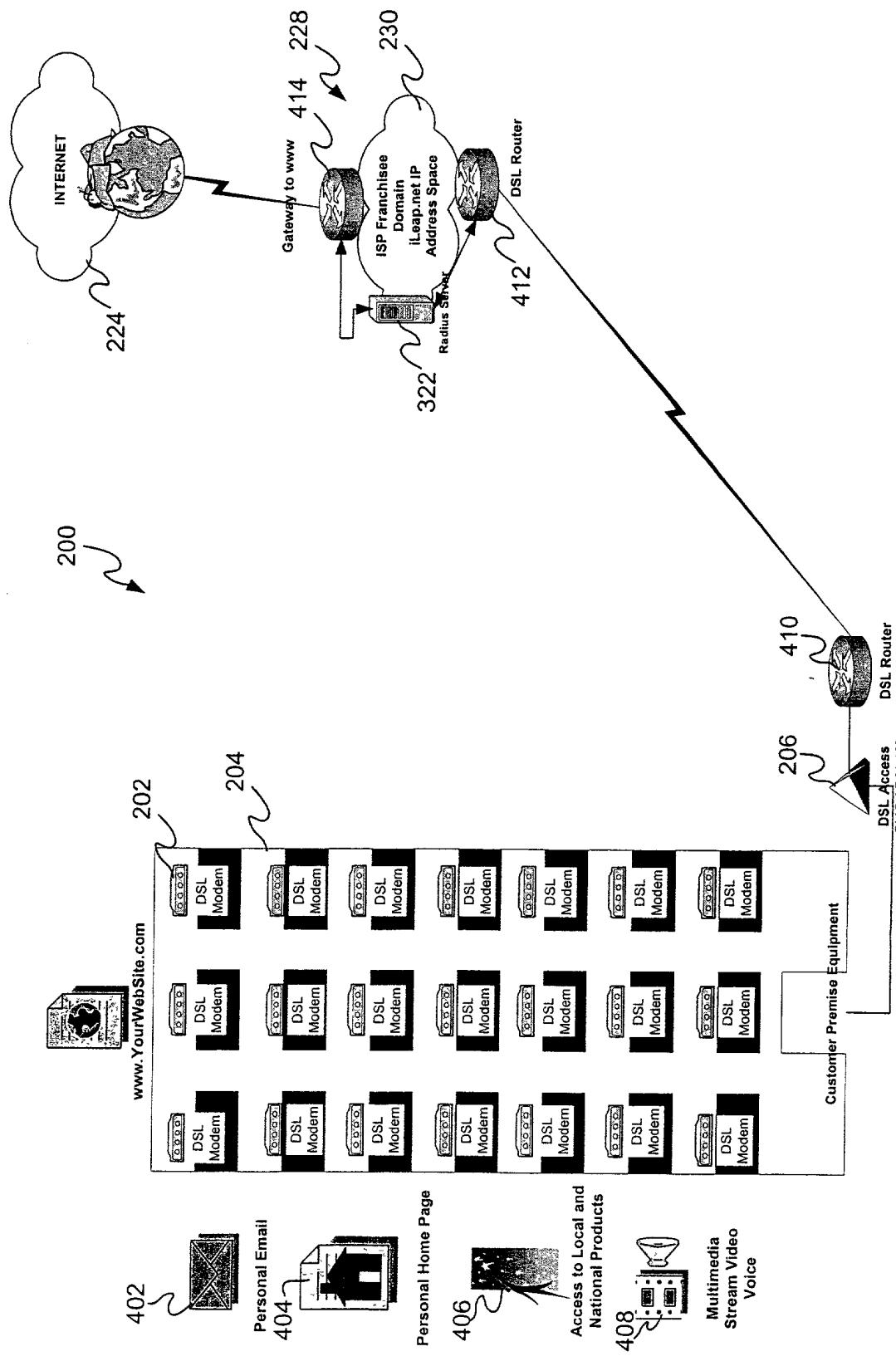


FIG. 4

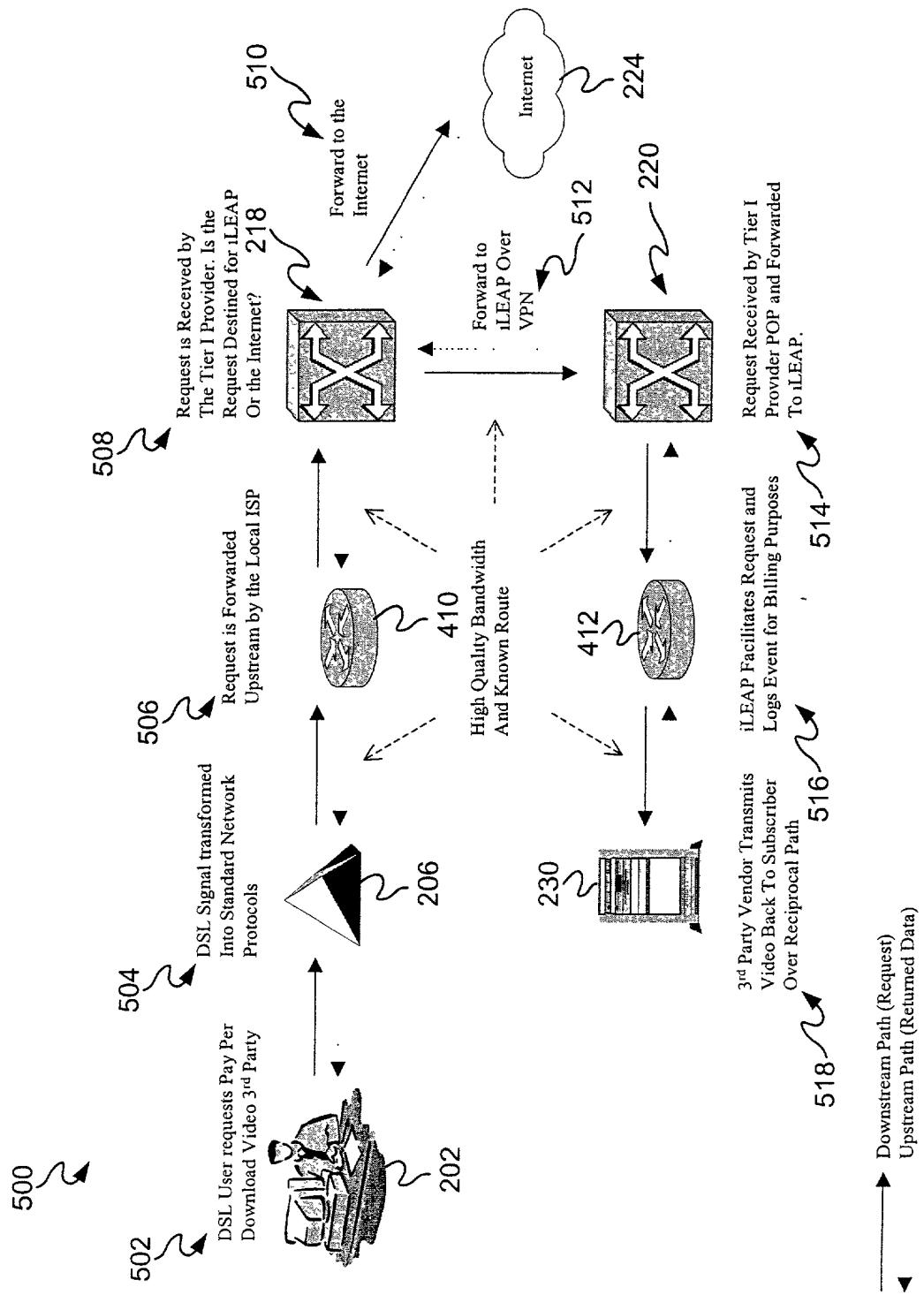
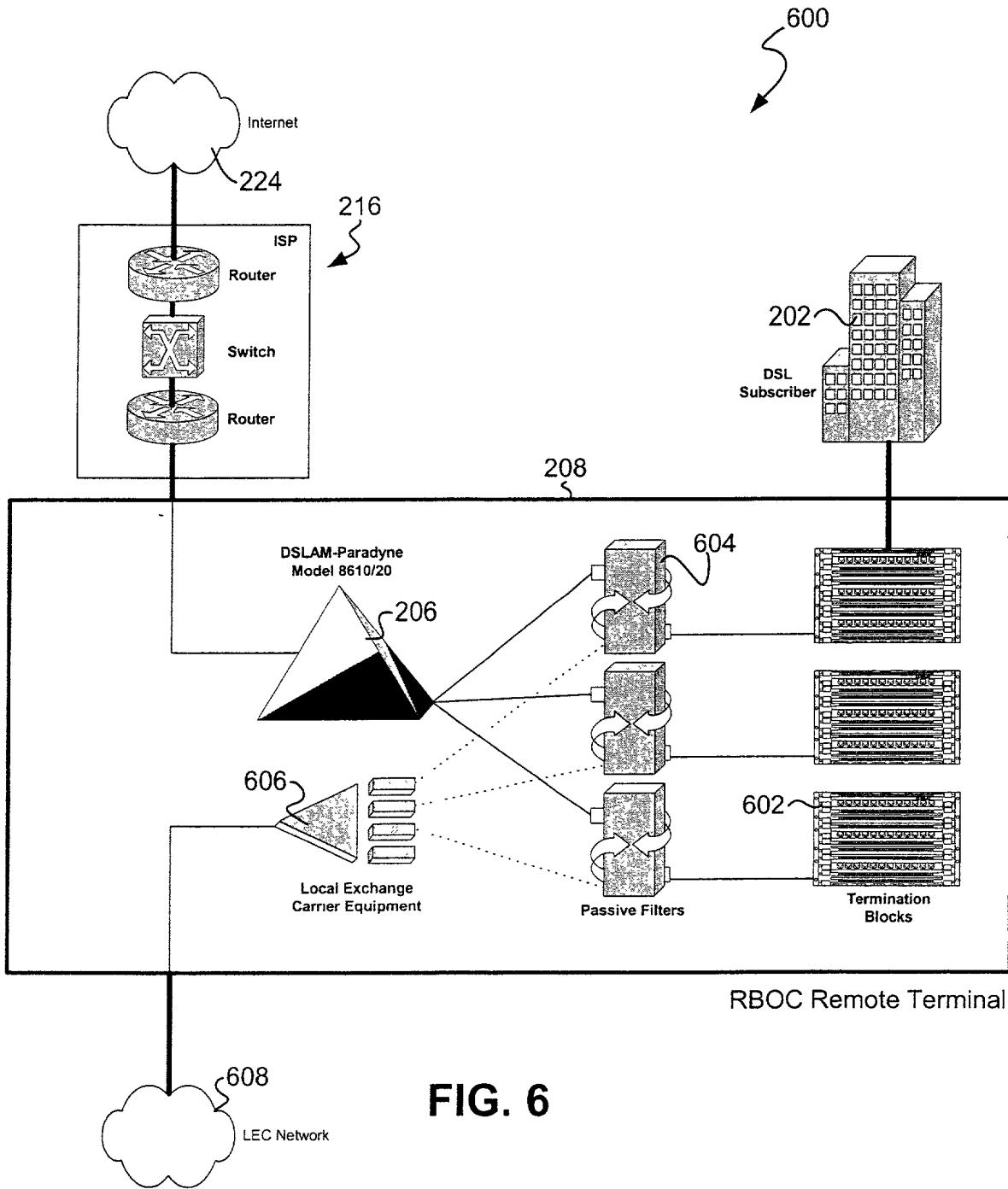


FIG. 5



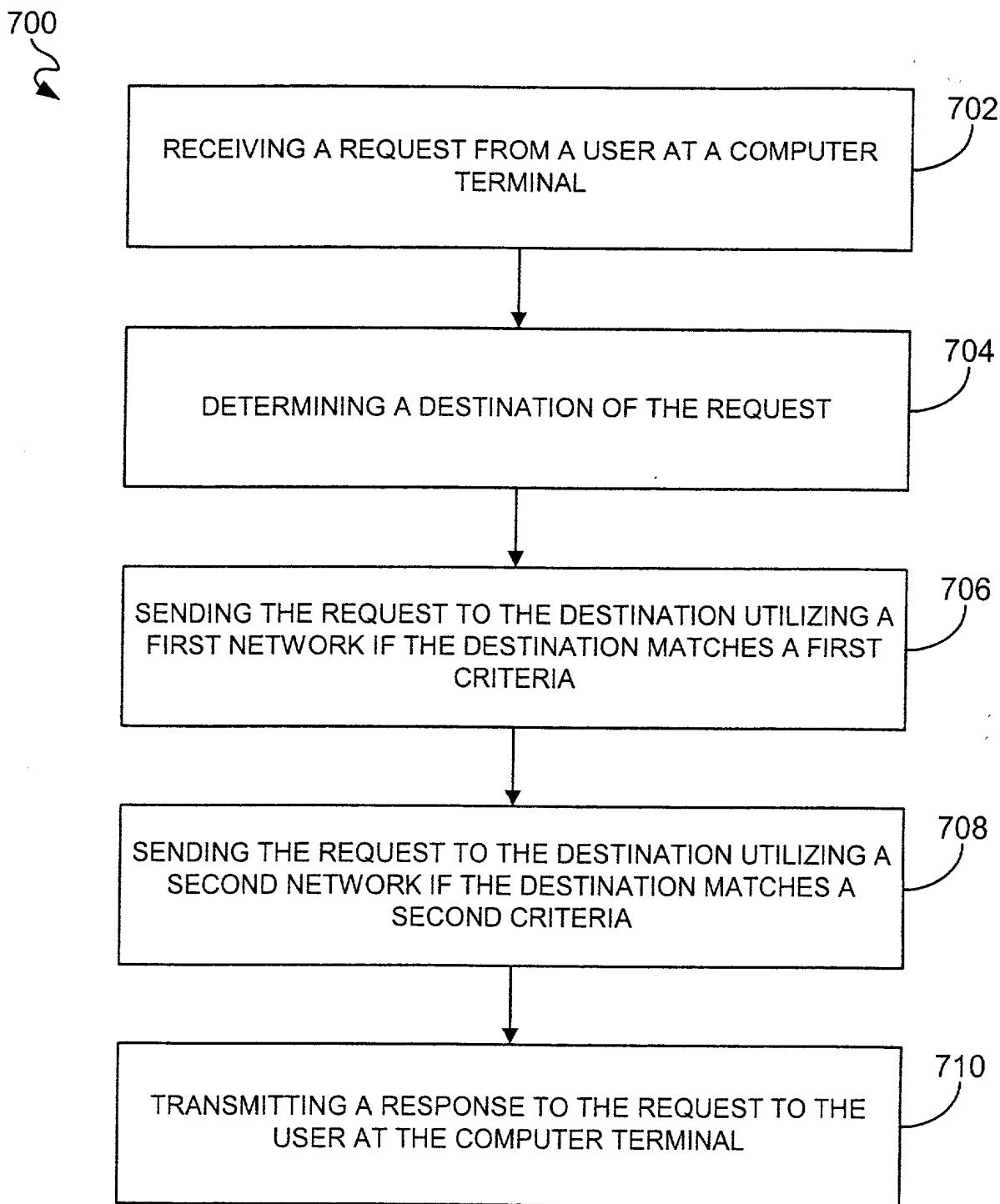


FIG. 7

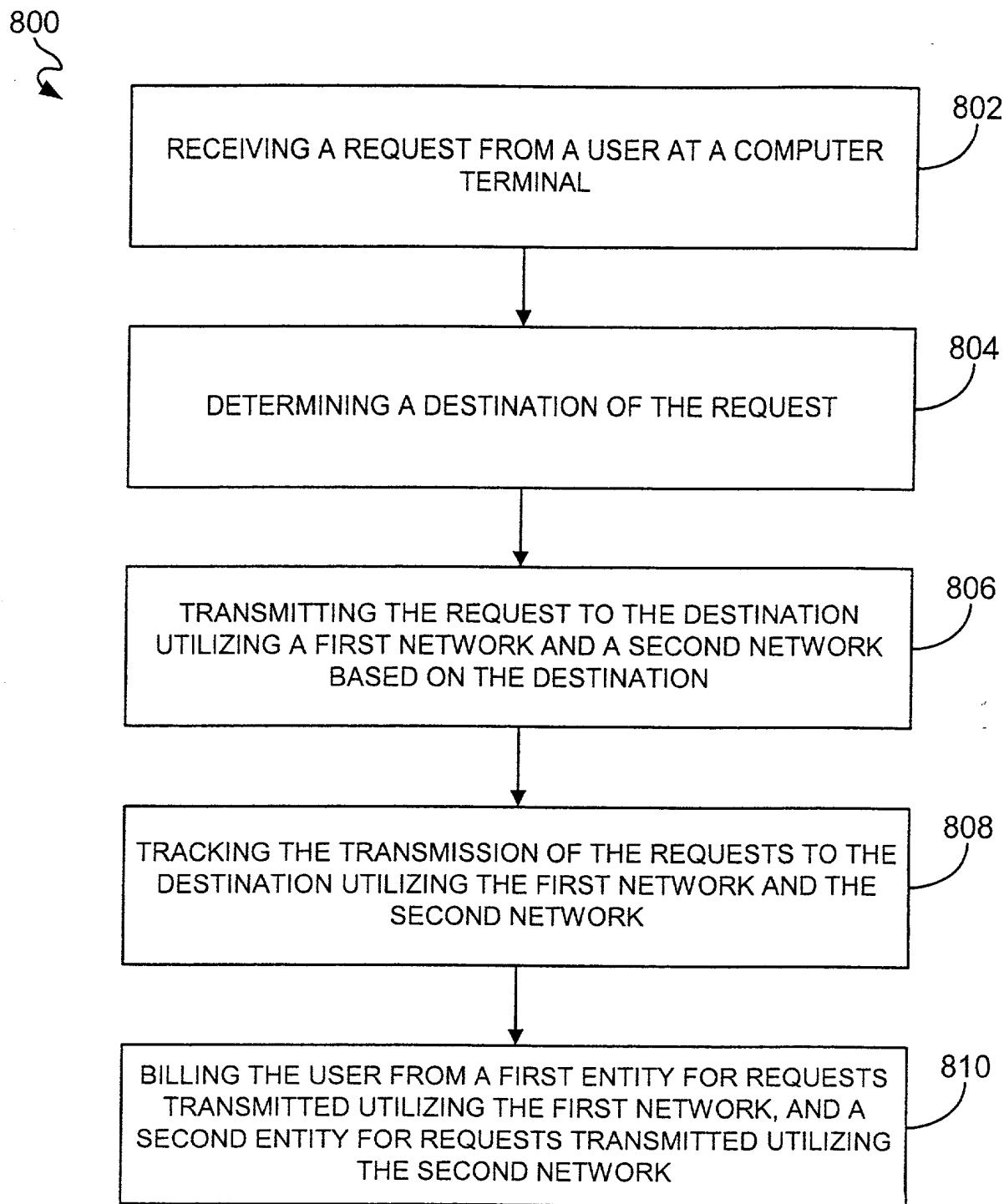


FIG. 8

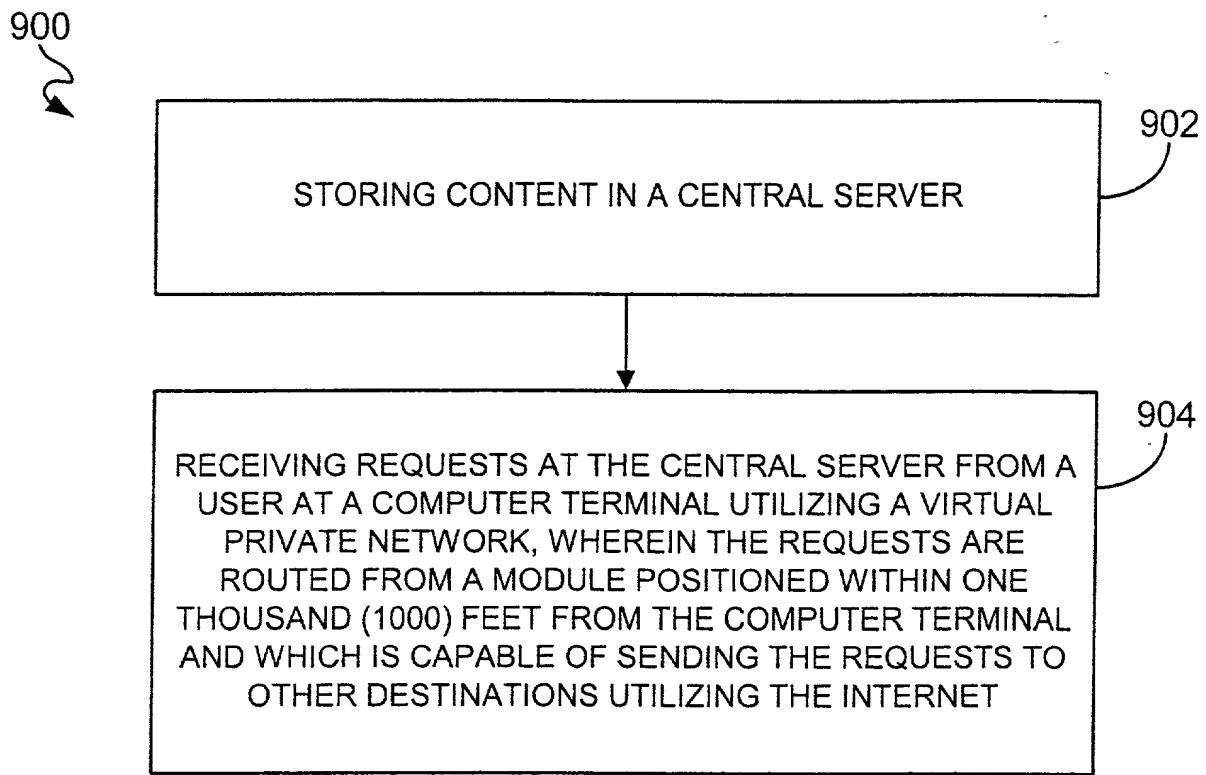


FIG. 9

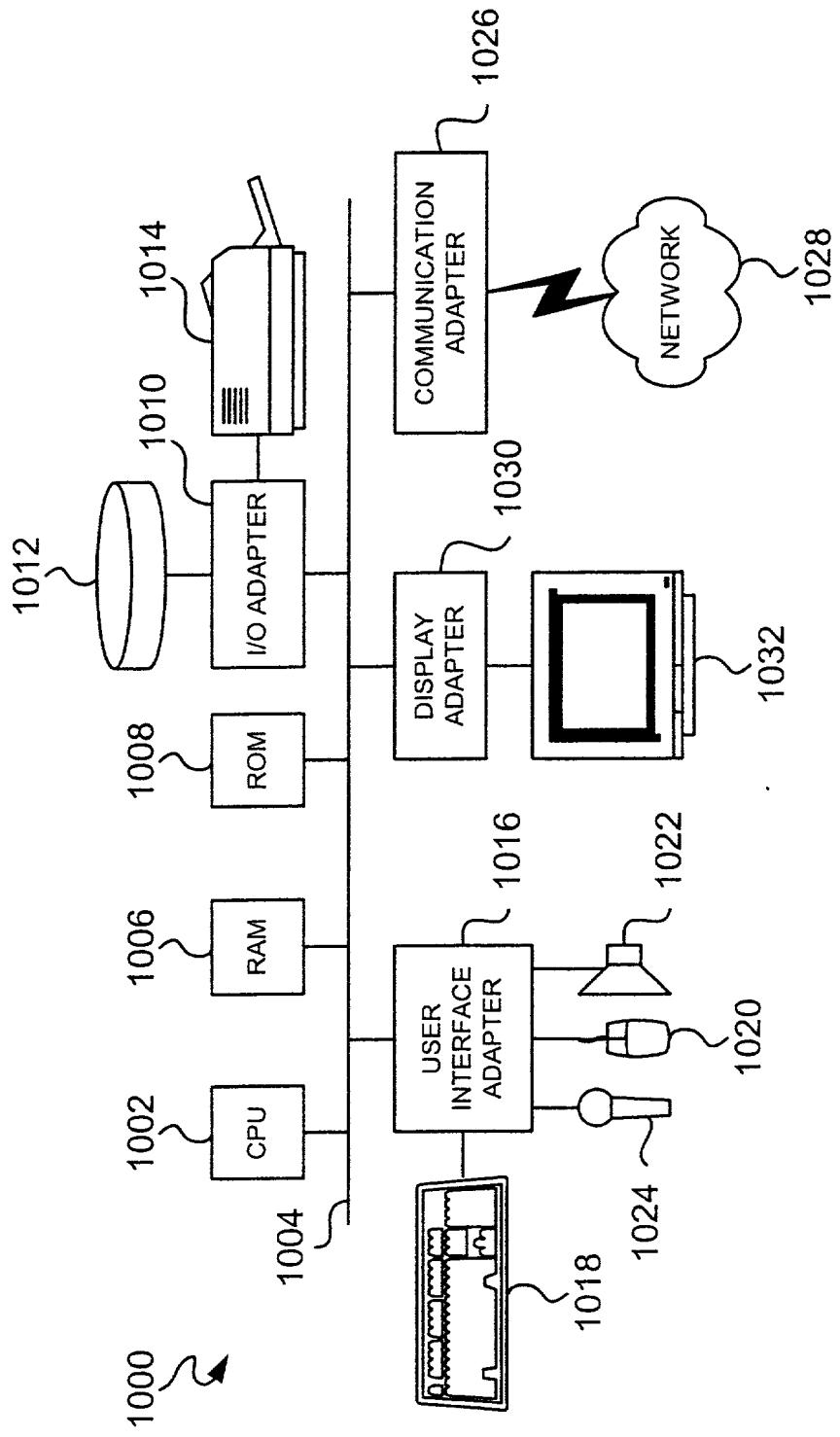


FIG. 10